



State of Utah  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
DIVISION OF WATER QUALITY

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September 14, 1992

Mr. Clayton Landa  
Vice President & General Manager  
Barrick Mercur Gold Mines  
Tooele, Utah 84074

RE: Reservation Canyon 1992 Expansion  
Construction Permit Modification

Dear Mr. Landa:

We have received your letter of September 8, 1992 concerning the proposed revision to the approved design for the liner system for construction of the 1992 expansion of the Reservation Canyon tailings impoundment. A field inspection of the construction of the clay liner was performed by Mr. C.C. Patel on September 8, 1992 to evaluate the desiccation cracking on the clay liner.

Based on the information gathered during the inspection, Barrick's proposal to place a moisture barrier in form of a 4-inch to 6-inch thick uncompacted soil fill between the originally approved bentonite enriched clay liner and the geotextile protective cover is hereby approved. The original construction permit for this project was issued on June 5, 1992. Other conditions and provisions of the permit remain unchanged. Please incorporate this modification in the "as-built" drawings.

If we can be of further assistance, please contact Mr. C.C. Patel, P.E. of this office.

Sincerely,

Utah Water Quality Board

Don A. Ostler, P.E.  
Executive Secretary

DAO:ccp:rvg

cc: Ralph Sacrison, P.E., Barrick Mercur  
Tooele County Health Department  
Larry Mize, P.E., Ground Water Protection Section  
Wayne Hedberg, Division of Oil, Gas and Mining  
Richard Hall, Division of Water Resources